

# INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US 99/22283

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/68 G06F17/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|------------|--|-----------------------|
| Y          | BROUDE ET AL.: "DIFFERENTIAL DISPLAY OF GENOME SUBSETS CONTAINING SPECIFIC INTERSPERSED REPEATS"<br>PNAS,<br>vol. 94, April 1997 (1997-04), pages<br>4548-4553, XP002138635<br>the whole document  | 1-87                  |
| Y          | CHENG ET AL.: "DEGENERATE OLIGONUCLEOTIDE PRIMER-POLYMERASE CHAIN REACTION AND CAPILLARY ELECTROPHORETIC ANALYSIS OF HUMAN DNA ON MICROCHIP-BASED DEVICES"<br>ANAL. BIOCHEM.,<br>vol. 257, March 1998 (1998-03), pages<br>101-106, XP002138636<br>the whole document | 1-87                  |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

30 May 2000

Date of mailing of the international search report

13/06/2000

Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Hagenmaier, S

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| Y          | WO 98 20165 A (WHITEHEAD BIOMEDICAL INST<br>;HUDSON THOMAS (US); LANDER ERIC S (US);)<br>14 May 1998 (1998-05-14)<br>the whole document   | 1-87                  |
| Y          | WANG D ET AL: "Large-scale<br>identification, mapping, and genotyping of<br>single-nucleotide polymorphisms in the<br>human genome"<br>SCIENCE,US,AMERICAN ASSOCIATION FOR THE<br>ADVANCEMENT OF SCIENCE,,<br>vol. 280, no. 280,<br>15 May 1998 (1998-05-15), pages<br>1077-1082-82, XP002116081<br>ISSN: 0036-8075<br>the whole document | 1-87                  |
| Y          | WO 97 31327 A (MOTOROLA INC ;REBER WILLIAM<br>L (US); PERTTUNEN CARY D (US))<br>28 August 1997 (1997-08-28)<br>the whole document   | 81-86                 |
| A          | HIMMELBAUER ET AL.: "COMPLEX PROBES FOR<br>HIGH-THROUGHPUT PARALLEL GENETIC MAPPING<br>OF GENOMIC MOUSE BAC CLONES"<br>MAMMALIAN GENOME,<br>vol. 9, August 1998 (1998-08), pages<br>611-616, XP000907317<br>the whole document  |                       |
| A          | XIONG M AND JIN L: "Biallelic markers in<br>genetics studies of human diseases: Their<br>power, accuracy, and density in<br>population-based linkage analysis"<br>AMERICAN JOURNAL OF HUMAN GENETICS,US,NEW<br>YORK, NY,<br>vol. 61, no. 4, SUPPL, 1997, page 1759<br>XP002119235<br>ISSN: 0002-9297<br>the whole document                |                       |
| A          | KRUGLYAK L: "THE USE OF A GENETIC MAP OF<br>BIALLELIC MARKERS IN LINKAGE STUDIES"<br>NATURE GENETICS,US,NEW YORK, NY,<br>vol. 17, no. 1,<br>1 September 1997 (1997-09-01), pages<br>22-24, XP002050647<br>ISSN: 1061-4036<br>the whole document   |                       |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 99/22283

| Patent document<br>cited in search report | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|---|---------------------|----------------------------|---------------------|
| WO 9820165 A                              | 14-05-1998          | EP 0941366 A               | 15-09-1999          |
| WO 9731327 A                              | 28-08-1997          | AU 1414197 A               | 10-09-1997          |